



Docket No.: M4065.0509/P509 B
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:
Hasan Nejad et al.

Application No.: 10/784,786

Art Unit: 2818

Filed: February 24, 2004

Examiner: Not Yet Assigned

For: STACKED COLUMNAR IT-NMJT MRAM
STRUCTURE AND ITS METHOD OF
FORMATION AND OPERATION

SECOND PRELIMINARY AMENDMENT

MS Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

INTRODUCTORY COMMENTS

Prior to examination on the merits, please amend the above-identified U.S.
patent application as follows:

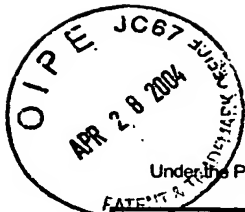
Amendments to the Claims are reflected in the listing of claims which begins
on page 2 of this paper.

Remarks/Arguments begin on page 5 of this paper.

04/29/2004 ZJUHA1 00000090 10784786

01 FC:1201

86.00 OP



\$ /

PTO/SB/17 (10-03)
Approved for use through 7/31/2006. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2004 <small>Effective 10/01/2003, Patent fees are subject to annual revision.</small>		Complete if Known	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Application Number	10/784,786
TOTAL AMOUNT OF PAYMENT (\$)		Filing Date	February 24, 2004
86.00		First Named Inventor	Hasan Nejad
		Examiner Name	Not Yet Assigned
		Art Unit	2818
		Attorney Docket No.	M4065.0509/P509 B

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)	
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None		3. ADDITIONAL FEES	
<input type="checkbox"/> Deposit Account: Deposit Account Number: 04-1073 Deposit Account Name: Dickstein Shapiro Morin & Oshinsky LLP		Large Entity Small Entity	
The Director is authorized to: (check all that apply) <input type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input type="checkbox"/> Charge any additional fee(s) or any underpayment of fee(s) <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid	
FEE CALCULATION			
1. BASIC FILING FEE			
Large Entity Small Entity			
Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid			
1001 770 2001 385 Utility filing fee			
1002 340 2002 170 Design filing fee			
1003 530 2003 265 Plant filing fee			
1004 770 2004 385 Reissue filing fee			
1005 160 2005 80 Provisional filing fee			
SUBTOTAL (1) (\$)		0.00	
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE			
Total Claims 15 -20** = 0 x Fee from below = 0.00			
Independent Claims 4 -3** = 1 x Fee from below = 86.00			
Multiple Dependent			
Large Entity Small Entity			
Fee Code Fee (\$) Fee Code Fee (\$) Fee Description Fee Paid			
1202 18 2202 9 Claims in excess of 20			
1201 86 2201 43 Independent claims in excess of 3			
1203 290 2203 145 Multiple dependent claim, if not paid			
1204 86 2204 43 ** Reissue independent claims over original patent			
1205 18 2205 9 ** Reissue claims in excess of 20 and over original patent			
SUBTOTAL (2) (\$)		86.00	
**or number previously paid, if greater; For Reissues, see above			
		Other fee (specify)	
		*Reduced by Basic Filing Fee Paid	
		SUBTOTAL (3) (\$)	
		0.00	

SUBMITTED BY		(Complete if applicable)	
Name (Print/Type)	Thomas J. D'Amico	Registration No. (Attorney/Agent)	28,371
Signature		Telephone	(202) 828-2232
		Date	April 28, 2004